

Title (en)

Improved retention for bonded hollow fan blade cover

Title (de)

Verbesserte Rückhaltung für geklebte hohle Ventilatorschaufelabdeckung

Title (fr)

Meilleure rétention de couverture de pale de ventilateur creuse

Publication

EP 2500263 B1 20200122 (EN)

Application

EP 12159600 A 20120315

Priority

US 201113050275 A 20110317

Abstract (en)

[origin: EP2500263A2] A two part airfoil (110) has a suction side (115), a pressure side (120), a rib (125) extending from one of the pressure side (120) or the suction side (115), the rib (125) having a groove (128) therein, and a riblet (130) extending from the other of the pressure side (120) or the suction side (115), the riblet (130) fitting within the groove (128).

IPC 8 full level

B64C 11/24 (2006.01)

CPC (source: EP US)

B64C 11/24 (2013.01 - EP US); **F01D 5/147** (2013.01 - EP US); **F01D 5/18** (2013.01 - EP US); **F01D 25/24** (2013.01 - EP US); **F04D 29/324** (2013.01 - EP US)

Citation (examination)

WO 2005098241 A1 20051020 - REMMELE ENGINEERING INC [US], et al

Cited by

WO2021123652A1; EP2573322A3; EP3409888A1; FR3105291A1; US10443613B2; EP3058177A4; EP4306233A3; US11933194B2; WO2015058043A1; US10329918B2; US11143034B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2500263 A2 20120919; EP 2500263 A3 20151104; EP 2500263 B1 20200122; US 2012237351 A1 20120920

DOCDB simple family (application)

EP 12159600 A 20120315; US 201113050275 A 20110317